

## Documents

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**On the special ideals in KK-algebras**

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**Abstract**

In this paper, we define the notions of q-ideal, a-ideal and p-ideal in KK-algebras. We give several characterizations and the extensive theorems for the q-ideal, a-ideal and p-ideal. © 2013 Academic Publications, Ltd.

**Author Keywords**

A-ideal; Ideal; KK-algebras; P-ideal; QW-ideal

**References**

- Asawasamrit, S.  
**KK-isomorphism and its propositions**  
(2012) *International Journal of Pure and Applied Mathematics*, 78 (1), pp. 65-73.
- Asawasamrit, S., Sudprasert, A.  
**A structure of KK-algebras and its properties**  
(2012) *Int. Journal of Math. Analysis*, 6 (21), pp. 1035-1044.
- Hoo, C.S.  
**Closed ideals and p-semisimple BCI-algebras**  
(1990) *Math. Japon*, 35, pp. 1103-1112.
- Hu, Q.P., Is'Eki, K.  
**On BCI-algebra satisfying  $(x * y) * z = x * (y * z)$**   
(1980) *Math. Sem. Notes*, 8, pp. 553-555.
- Lin, Y.L., Jie, M., Xiao, H.Z., Zhang, C.Y.  
**Q-ideals and a-ideal in BCI-algebras**  
(2000) *Southeast Asian Bulletin of Mathematics*, 24, pp. 243-253.
- Yisheng, H.  
(2006) *BCC-Algebras*, p. 356.  
Science Press, Beijing

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